ABSTRACT OF THE DISCLOSURE

A communication scheme capable of realizing operations to supplement the resource shortage or the poor environment of the portable terminal device is disclosed. At the radio portable terminal device, whether a specific processing of the data packets received from a correspondent device connected to the computer network or the telephone network is to be carried out using resources of the radio portable terminal device or not is determined according to an attribute of the data packets or data contained in the data packets, and a part or whole of the data contained in the data packets are transferred to another portable computer/device connected to a local network or another computer connected to the computer network, such that the specific processing of the data packets determined not to be carried out using the resources of the radio portable terminal device is carried out at another portable computer/device or another computer when